

# इंटरनेट

# मानक

## Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 8886-10 (1980): Ships' Ordinary Rectangular Windows, Part X: Details of Frame, Inward opening, Top Hinge Heavy and light type welded windows [TED 17: Shipbuilding]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”



BLANK PAGE



Indian Standard

SPECIFICATION FOR  
SHIPS' ORDINARY RECTANGULAR WINDOWSPART X DETAILS OF FRAME, INWARD OPENING,  
TOP HINGED, HEAVY AND LIGHT TYPE WELDED WINDOWS

- 1. Scope** — Specifies dimensions of frame for inward opening, top hinged, heavy and light type welded windows.
- 2. Terminology** — For the purpose of this standard, the terms and definitions given in IS : 8886 ( Part I )-1978 ' Specification for ships' ordinary rectangular windows: Part I Types and dimensions ' shall apply.
- 3. Material** — The material used for the construction of frame shall be according to IS : 8886 ( Part II )- 1978 ' Specification for ships' ordinary rectangular windows: Part II General requirements '.
- 4. Dimensions**
- 4.1** The dimensions of frame shall be as given in Table 1. For main dimensions of windows, see IS : 8886 ( Part I )-1978 .
- 4.2** The position of hinges on the frame shall be according to IS : 8886 ( Part IV )-1980 ' Specification for ships' ordinary rectangular windows: Part IV Details of position of lugs for hinges and swing bolts and securing holes on the frame '.
- 5. Tolerances** — The tolerances on dimensions shall conform to coarse series of IS : 2102-1969 ' Allowable deviations for dimensions without specified tolerances ( first revision ) ' except on those dimensions indicated in Table 1.

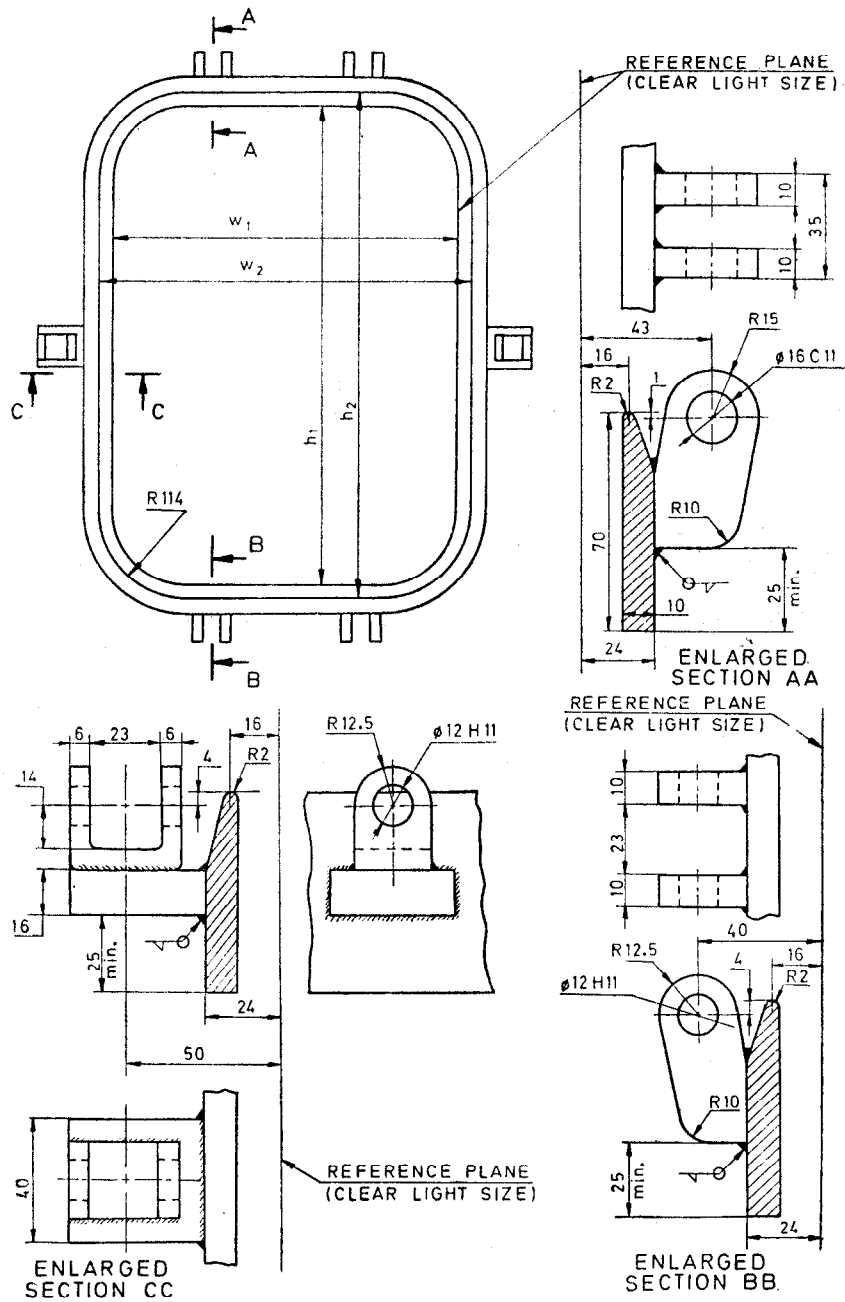
Adopted 29 February 1980

© May 1980, ISI

1. GF 2

TABLE 1 DIMENSIONS OF FRAME HEAVY AND LIGHT TYPE WELDED WINDOW  
( Clauses 4.1 and 5 )

All dimensions in millimetres.



Window No.	Nominal Size $w_1 \times h_1$	$w_2 \times h_2$	Minimum Number of Closing Devices
4	450 × 630	478 × 658	2
5	500 × 710	528 × 738	4
6	560 × 800	588 × 828	4
7	900 × 630	928 × 658	4
8	1 000 × 710	1 028 × 738	6
9	1 100 × 800	1 128 × 828	6

**EXPLANATORY NOTE**

This standard is one of a series of Indian Standards on ships' rectangular windows. Other standards in the series are:

**Part I Types and dimensions**

**Part II General requirements**

**Part III Positioning**

**Part IV Details of position of lugs for hinges and swing bolts and securing holes on the frame**

**Part V Details of frame, inward opening, side hinged, heavy type bolted windows**

**Part VI Details of frame, inward opening, side hinged, light type bolted windows**

**Part VII Details of frame, inward opening, side hinged, heavy and light type welded windows**

**Part VIII Details of frame, inward opening, top hinged, heavy type bolted windows**

**Part IX Details of frame, inward opening, top hinged, light type bolted windows**

**Part X Details of frame, inward opening, top hinged, heavy and light type welded windows**

**Part XI Details of frame, non-opening, heavy type bolted windows**

**Part XII Details of frame, non-opening, light type bolted windows**

**Part XIII Details of frame, non-opening, heavy type welded windows**

**Part XIV Details of frame, non-opening, light type welded windows**

**Part XV Details of frame, outward opening, side hinged, heavy type bolted windows**

**Part XVI Details of frame, outward opening, side hinged, light type bolted windows**

**Part XVII Details of frame, outward opening, side hinged, heavy and light type, welded windows**

**Part XVIII Details of glass holder, inward opening, side hinged, heavy and light type bolted and welded windows**

**Part XIX Details of glass holder, outward opening, side hinged, heavy and light type bolted and welded windows**

**Part XX Details of glass holder, top hinged, heavy and light type bolted and welded windows**

**Part XXI Details of hinged pin**

**Part XXII Details of swing bolts and wing nuts**

In the preparation of this standard assistance has been derived from the following:

ISO 3903 - 1977 Shipbuilding — Ships' ordinary rectangular windows. International Organization for Standardization (ISO).

DIN 81650 - 1967 Rectangular windows for ships, directives for construction. Deutsches Institut für Normung.